

AMENDED

Nº 46395

APPLICATION FOR PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office NOV 29 1982  
Returned to applicant for correction JAN 18 1983  
Corrected application filed MAR 15 1983  
Map filed MAR 15 1983 under 46394

The applicant Hydrothermal Energy Corporation  
6525 Sunset Blvd. Suite 203, of Los Angeles,  
Street and No. or P.O. Box No. City or Town  
Calif. 90028, hereby make S application for permission to appropriate the public  
State and Zip Code No.  
waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) May, 1978 - Delaware

1. The source of the proposed appropriation is Underground  
Name of stream, lake, spring, underground or other source
2. The amount of water applied for is 5.0 cfs second-feet  
One second-foot equals 448.83 gals. per min.  
(a) If stored in reservoir give number of acre-feet
3. The water to be used for geothermal heating  
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.
4. If use is for:  
(a) Irrigation, state number of acres to be irrigated:  
(b) Stockwater, state number and kinds of animals to be watered:  
(c) Other use (describe fully under "No. 12. Remarks")  
(d) Power:  
(1) Horsepower developed  
(2) Point of return of water to stream
5. The water is to be diverted from its source at the following point: SW¼ NE¼ Section 25, T 19 N,  
Describe as being within a 40-acre subdivision of public  
R 19 E, MDM, at a point from which the C¼ corner of said Section 25 bears  
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.  
S 31° 00' W 800 feet
6. Place of use Section 25, T 19 N, R 19 E, MDM  
Describe by legal subdivision. If on unsurveyed land, it should be so stated.
7. Use will begin about January 1 and end about December 31, of each year.  
Month and Day Month and Day
8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) water to be diverted from well with pump  
State manner in which water is to be diverted, i.e. diversion structure, ditches and  
and transported to heat exchangers and returned to ground via pipes.  
flumes, drilled well with pump and motor, etc.
9. Estimated cost of works \$150,000.00

10. Estimated time required to construct works 2 years  
If well completed, describe works.
11. Estimated time required to complete the application of water to beneficial use 5 years
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.
- Annual consumptive use will be 0 acre feet. Water to be returned to the same zone from which it is extracted.
- Please send copies of all correspondence to undersigned agent.

By s/William A. Nisbet  
Agent  
421 Court  
Elko, Nevada 89801

Compared b1/ bc

Protested

DENIAL OF STATE ENGINEER

deny

This is to certify that I have examined the foregoing application, and do hereby ~~grant~~ the same, subject to the following limitations and conditions:

Applications 46394, 46395, 46829, 47505, 48432, 48433 and 48434 are herewith denied on the grounds that their is no consumption of water from the source consequently this matter of these applications is not within the jurisdiction of the State Engineer.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed \_\_\_\_\_ cubic feet per second.

Work must be prosecuted with reasonable diligence and be completed on or before \_\_\_\_\_

Proof of completion of work shall be filed before \_\_\_\_\_

Application of water to beneficial use shall be made on or before \_\_\_\_\_

Proof of the application of water to beneficial use shall be filed on or before \_\_\_\_\_

Map in support of proof of beneficial use shall be filed on or before \_\_\_\_\_

Completion of work filed \_\_\_\_\_

Proof of beneficial use filed \_\_\_\_\_

Cultural map filed \_\_\_\_\_

Certificate No. \_\_\_\_\_ Issued \_\_\_\_\_

IN TESTIMONY WHEREOF, I, R. MICHAEL TURNIPSEED  
State Engineer of Nevada, have hereunto set my hand and the seal of  
my office, this 8th day of March,

A.D. 19 90

R. Michael Turnipseed  
State Engineer